



TETLA SEPTARIANS

195 So. Center • Orderville, Utah 84758 • 801-648-2310

2/dic/94

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Rec. 12/7/94
SITLA

State of Utah
Trust Lands
3 Triad Center, Suite 400
Salt Lake City, Utah 84180

Re; ML 46643 Intent to Mine

5/025/020 Kane County

Dear Mr. Stokes,

Enclosed find the map you sent. It is marked to within a few yards give or take where we will mine. When I say 30 by 30 yards that is the maximum we would dig out. It could be a little less. We intend, at this point, to do an area of about that size each year. The first pit over-burden would be pushed to the south, just slightly, till we had removed the geodes from approximately 10 to 15 yards across the width of the pit. The remaining part of the pit would then be opened by pushing the over-burden onto the area first excavated. The following year we would open a new pit by pushing the first part into the pit opened the first year. Then as space provided we would back fill and level. This would be repeated a minimum of four times moving to the north. Several factors would determine if we go any further into the hill to the north. The principal factor would be the depth of the geode bearing level and amount of over-burden to be removed. When we had gone to the point to the north in which depth would stop us we would then return to the southern limits of the lease either to the left or right of the original pit and repeat the above steps. But as you can see each subsequent years mining will have at least some minimal affect on the area mined the previous year. At the present we cannot foresee a year that we would mine over 30 by 30 yards. We might do less. Several factors could determine this. Weather, demand for the geodes, availability of machinery, and availability of funds to mine.

As to reseeding the first year, if you require us to do so we will, but it will be a waste of time and money. Experience has taught us that reseeding the first year you will lose 70 to 90 percent of your seed, that will not germinate. It is thought that the principle reason for this is the alkali in the soil is too high until it leeches out for a year or two. If we get more than average moisture in a given year this is speeded up. Or if

drier, slowed down. At any rate at least one years wait is best. Then the first year seed with clover and or alfalfa, then after it becomes well established, reseeding itself, usually in two or three years disc, the area and reseed with grass mixtures.

If the State Historical people would like to do an on site investigation I would be happy to show them the area. If they come in the next 30 to 60 days they can expect to walk in a lot of mud. I doubt they will take my word but there is nothing on the entire lease of prehistoric or historic value, that is placed by or affected by man.

We have not decided if we will use a commercial bonding company or put up a cash bond but as I stated in the first letter it will be done prior to starting work. In either case you will be notified with sufficient time.

As to access I have drawn the approximate area in which the road in will be opened. The bulk of it will be across private land. We will either buy or lease access from the private land owner.

We are not opening two pits but only one. We would not at any time disturb the amount of surface as suggested by your estimate. Maximum it would be less than half your figure at any given time.

Sincerely



Gerald W. Berry

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Boundary of
M. 46643